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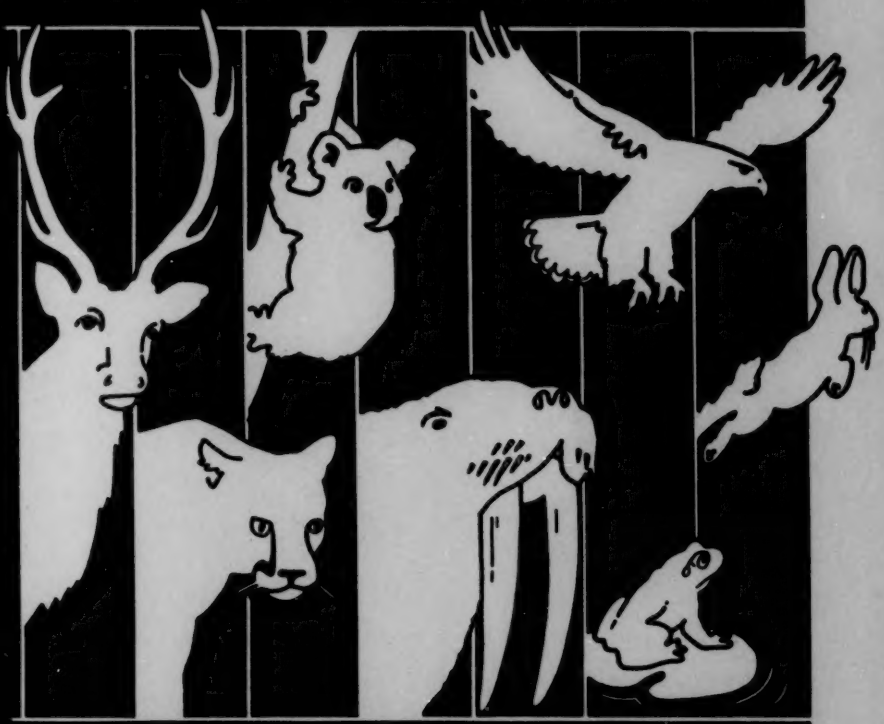

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WILDLIFE REVIEW

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[South. Reg. Off., Queensland Natl. Parks & Wildl. Serv., P.O. Box 42, Kenmore, Qld. 4069, Australia] *Isoodon, Perameles, Macrotis,* and *Echymipera.*

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[Dep. Physiol., Monash Univ., Clayton, Vic. 3168, Australia] *Phascolarctos cinereus.*

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[Dep. Zool., Univ. Oulu, SF-90570 Oulu, Finland] *Tetrao tetrix* in Finland.

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[Sveriges lantbruksuniv., Inst. Viltekol., 901 83, Umea, Sweden] *Otis tarda* in Europe.

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91-010457 Hell, Favel. [IS REINTRODUCTION OF *PHASIANUS C. COLCHICUS* INTO SLOVAKIA REASONABLE?] *Tichodroma* Vol. 3. p. 211-217. 1990. In Czech with German summ. WR 226
[Vyskumny Ustav Leaneho Hospodarstva, Marxova 4, 960 01 Zvolen, Czechoslovakia]

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[ONC, Cent. Natl. Etudes & Rech. Appl., Petite Faune Sedentaire Plaine Stn. Milieux Mediterraneens, B.P. 6074, F-34030 Montpellier Cedex 1, France] *Alectoris rufa* in France.

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91-011315 Weigel, John. NOTES ON THE CAPTIVE MAINTENANCE AND BREEDING OF THE SUPERB DRAGON *DIPORIPHORA SUPERBA* (AGAMIDAE). *Herpetofauna* 20(2):1-4. 1991. WR 226
[Australian Reptile Park, Gosford, N.S.W. 2250, Australia]

91-011316 Weinstein, Scott A.; Pierre J. Lafaye and Leonard A. Smith. OBSERVATIONS ON A VENOM NEUTRALIZING FRACTION ISOLATED FROM SERUM OF THE NORTHERN COPPERHEAD, *AGKISTRODON CONTORTRIX MOKASEN. Copeia* 1991(3):777-786. 1991. WR 226
[Dep. Toxinol., Pathol. Div., U.S. Army Med. Res. Inst. Infectious Dis., Frederick, MD 21701-5011]

91-011317 Weissenberg, Sarah; Michael Ovadia; Gideon Fleminger and Elazar Kochva. ANTIHEMORRHAGIC FACTORS FROM THE BLOOD SERUM OF THE WESTERN DIAMONDBACK RATTLESNAKE *CROTALUS ATROX. Toxicon* 29(7):807-818. 1991. WR 226
[Dep. Zool., George S. Wise Fac. Life Sci., Tel-Aviv Univ., Tel-Aviv 69978, Israel]

91-011318 Werner, Dagmar I. THE RATIONAL USE OF GREEN IGUANAS. *In: Neotropical Wildlife Use and Conservation. John G. Robinson and Kent H. Redford, editors.* p. 181-201. 1991. WR 226
[Fundacion Pro Iguana, Apdo. 1501, Heredia, Costa Rica] *Iguana iguana.*

91-011319 West, John. THE BIOLOGY OF CAPTIVE SEA SNAKES. *Herpetofauna* 20(2):28-31. 1991. WR 226
[Taronga Zoo Aquarium, Mosman, N.S.W. 2088, Australia] *Laticauda schistorhynchus* and *Pelamis platurus.*

91-011320 Wozniak, E. J. and S. R. Telford. THE FATE OF REPTILIAN *HEPATOZOON* SP. IN POTENTIAL MOSQUITO AND SOFT TICK VECTORS AND EXPERIMENTALLY INFECTED LIZARD HOSTS. *Am. Soc. Parasitol. Annu. Meeting Program Abstr.* No. 65. p. 65. 1990. Abstract only. WR 226
[Dep. Vet. Pathobiol., Purdue Univ., West Lafayette, IN] *Coluber constrictor, Nerodia fasciata,* and *Anolis.*

BOOK REVIEW

Poole, A. F. 1989. *Ospreys: A Natural and Unnatural History.* Cambridge University Press, New York, NY. 246 pp. Available from the publisher at $27.95 (cloth).

Ospreys is a delightful book that should find a large audience among bird-watchers and professional biologists. In 11 Chapters, the author provides much of the current information about ospreys, such as classification and distribution. The fourth chapter on migration and wintering ecology underscores the paucity of data for nonbreeding ospreys. This, however, is true for most avian species. The fifth chapter focuses on foraging ecology, while chapter 6 and 7 concentrate on breeding ecology, dealing first with nest sites and next with breeding rates. The next three chapters concern population regulation, threats, and management. The book concludes with brief overviews of historical population trends for birds breeding in New England and Scotland.

Generally, chapters were interesting and easy to read. The one exception was chapter 3, on distributions, which used 25 pages to describe the distribution and status of the four subspecies. Probably the major drawback to this chapter is the lack of detailed maps. As the author points out, the map showing the breeding locations of palearctic ospreys suggest they breed throughout the USSR south of 60° N; this line probably defines potential habitat rather than actual distribution. I would have preferred maps showing the distributions the author refers to in the text.

Errors or questionable interpretations are few. At the end of the distribution chapter, the author takes up the question of why ospreys do not breed on the wintering areas. The paragraph dealing with competition between residents and migrants starts by stating that competition is the answer and then circles around to say that "convincing" proof is lacking. The energy budget presented in chapter 5 is oversimplified; also appendix 3 should appear as a table here. Although the author suggests that 195 minutes a day foraging time is "approaching their energetic limits," I was not convinced that male foraging efficiency limits osprey clutch size. The use of thermoneutrality in chapter 6 probably refers to the lower critical temperature; the accompanying definition is confusing at best. Likewise, the reference to ovaries gaining 5 to 15 times their initial weight before descending the oviduct probably refers to follicles rather than ovaries. The quality of figures and tables is generally good, although Table 6.1 would be helped by defining the sex of the birds and explaining how ages were determined. In figure 9.10, the point for Connecticut should be labeled 1983–84. A table in chapter 8 and a figure in chapter 10 are referenced out of order.

This book does a wonderful job of distilling the information available on ospreys into a digestible form. This book should provide the starting place for anyone thinking of developing a research program on osprey by pointing out gaps in the data, such as wintering ecology or information on populations other than those described in chapter 11. An interested bird-watcher would benefit from the explanations and reasons for the behaviors observed. Lastly, everyone should benefit from the discussion of management successes and the caution the author suggests to anyone who contemplates embarking on a management program, such as the erection of nesting platforms. I congratulate the author on a job well done. – Clinton W. Jeske, U.S. Fish and Wildlife Service, National Wetlands Research Center, 1010 Gause Blvd,. Slidell, LA 70458.

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Missouri: Ozark Mountains
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Montana, Western
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North America: Rocky Mountain Region
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Virginia: Great Dismal Swamp Natl. Wildlife Refuge
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Wales
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West Virginia: Grant County
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West Virginia: Jefferson County
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West Virginia: Pocahontas County
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Wisconsin: Waushara County
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Zimbabwe
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BOOK REVIEW

Roger L. DiSilvestro. 1989. *The Endangered Kingdom*. John Wiley & Sons, Inc. New York, NY. 241 pp. Available from the publisher at $19.95 (cloth).

The book is divided into three sections, each with 4 chapters. The first section discusses the declines and restoration of populations of deer, wild turkey, pronghorn, and waterfowl. These reviews are followed by a discussion of wildlife management. The second section describes the plights of gray wolves, grizzly bears, California condors, and bowhead whales, and concludes with a discussion of the Endangered Species Act. The third section on nongame wildlife emphasizes the limited information for and management of western diamondback rattlesnakes, river otters, bats, migratory songbirds, and concludes by discussing the lack of funding for many nongame programs and the frequent use of nongame funds to study and manage endangered populations. The epilogue echoes the concern that human activities have overstressed many ecological communities.

The profiles are well written, mixing historical accounts of abundance with management philosophy at the time. The political and philosophical struggles for federal management of waterfowl and the decision to bring all condors into captivity are concisely presented. The biggest detraction for most wildlife biologists will be the presentation of a dichotomy between conservationists and wildlife managers. An underlying tone to the book suggests that wildlife managers are only concerned with harvestable population. While individual chapters point to the political aspects of most situations, the author fails to include any discussion on the political nature of many wildlife programs. While the author derides managers for stocking semi-domestic wild turkeys, he fails to recognize that these programs are often the result of legislative mandates. In summary, throughout the book the author addresses the groups involved with wildlife protection; however he fails to show how these groups can work together, and, in fact, implies that they rarely do. If this is true, the author should have suggested some possible solutions to this dilemma.—Clinton W. Jeske, U.S. Fish and Wildlife Service, National Wetlands, Research Center, 1010 Gause Blvd., Slidell, LA 70458.

Amphibians/Reptiles--Behavior
Aggressive Behavior
91-011208
Agonistic Behavior
91-011138
Arboreal Behavior
91-011297
Baits/Attractants
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Breeding
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Breeding Grounds
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Breeding Season
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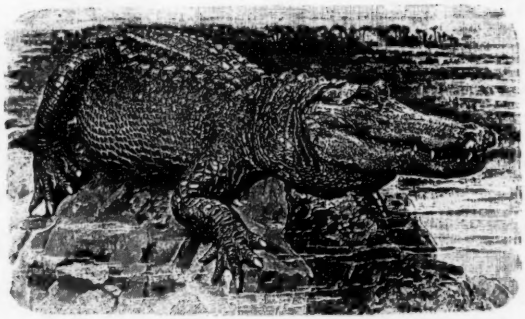

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BOOK REVIEW

Welch, K. R. G. 1987. *Handbook on the Maintenance of Reptiles in Captivity.* Robert E. Krieger Publ. Co., Malabar, FL 156 pp.

The author identifies the objectives of the book as serving as a guide for beginners and a handbook for experienced reptile keepers. It may fulfill the first, but falls short of the second. The text is divided into four sections: the first is a 20-page guide for keeping captive reptiles; the second is 15 pages of supplementary notes; the third is 30 pages of experiences various authors have had with specific species; and the fourth is 89 pages of appendices and bibliography.

Much of the information presented in this book is helpful, but the lack of consistent use of common names and the lack of an appendix listing the common names of species cited in the text is very inconvenient for anyone not well versed in reptilian nomenclature. The first two sections serve well as a guide for keeping reptiles. The third section on specific species was disappointing. Having kept two-banded basilisks for several years, I was disappointed to read that the three pages devoted to basilisks referred to maintenance of four females for less than one year, hardly enough time to have much experience with the species. The information on most other taxon covered in section three is equally disappointing. Probably the useful part of the fourth section is the extensive bibliography, which may prove more useful to the experienced keeper than the rest of the text.—Clinton W. Jeske, U.S. Fish and Wildlife Service, National Wetlands Research Center, 1010 Gause Blvd., Slidell, LA 70458.

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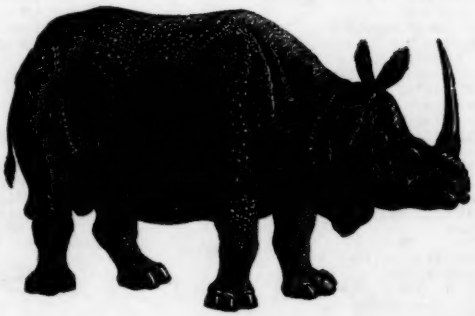

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